

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A packaged tooth whitening product, comprising:
a backing layer;
a layer of a tooth whitening composition comprising ~~a mixture of a~~ first and second polymers ~~polymer~~, from about 10% to about 90% water, and a tooth whitening agent, wherein said first polymer is polyethylene oxide and said second polymer is polyvinyl alcohol.

Claim 2 (Previously Presented): The packaged tooth whitening product of claim 1, wherein the concentration of said first polymer is between about 10% and about 90% by weight of said tooth whitening composition.

Claim 3 (Previously Presented): The packaged tooth whitening product of claim 1, wherein the concentration of said second polymer is between about 0.5% and about 50% by weight of said tooth whitening composition.

Claim 4 (Cancelled).

Claim 5 (Previously Presented): The packaged tooth whitening product of claim 1, wherein said tooth whitening composition further comprises a plasticizer having a concentration between about 1% and about 80% by weight of said tooth whitening composition.

Claim 6 (Previously Presented): The packaged tooth whitening product of claim 5, wherein said plasticizer is polyethylene glycol.

Appl. No. 10/820,590
Docket No. 9031R
Amdt. dated October 27, 2008
Reply to Office Action mailed on May 28, 2008
Customer No. 27752

Claim 7 (Previously Presented): The packaged tooth whitening product of claim 1, wherein said polyvinyl alcohol has a hydrolysis between about 70% and about 91%.

Claim 8 (Previously Presented): The packaged tooth whitening product of claim 1, wherein said backing layer is a laminate.

Claim 9 (Previously Presented): The packaged tooth whitening product of claim 1, wherein said polyethylene oxide has an average molecular weight between about 300,000 and about 900,000.

Claim 10 (Previously Presented): The packaged tooth whitening product of claim 1, wherein said tooth whitening composition comprises a mixture of two or more polyethylene oxides and wherein said polyethylene oxides have different average molecular weights.

Claim 11 (Previously Presented): The packaged tooth whitening product of claim 1, wherein said tooth whitening agent is hydrogen peroxide.

Claim 12 (Previously Presented): The packaged tooth whitening product of claim 1, wherein said first and second polymers are water soluble.

Claims 13-16 (Cancelled).

Claim 17 (Currently Amended): The packaged tooth whitening product of claim 1, wherein the layer of a tooth whitening composition ~~is a layer that~~ is substantially coextensive with the backing layer.

Claim 18 (Previously Presented): The packaged tooth whitening product of claim 1, wherein the backing layer is substantially water impermeable.

Appl. No. 10/820,590
Docket No. 9031R
Amdt. dated October 27, 2008
Reply to Office Action mailed on May 28, 2008
Customer No. 27752

Claim 19 (Previously Presented): The packaged tooth whitening product of claim 1, wherein the backing layer is discontinuous.

Claim 20 (Currently Amended): The packaged tooth whitening product of claim 1, wherein the backing layer comprises a plurality of ~~hours~~ holes.

Claim 21 (Currently Amended): The packaged tooth whitening product of claim 20, wherein the tooth whitening composition comprises a plurality of ~~hours~~ holes.

Claim 22 (Previously Presented): The packaged tooth whitening product of claim 1, wherein the tooth whitening product has a thickness less than about 1 mm.

Claim 23 (Previously Presented): The packaged tooth whitening product of claim 1, wherein the tooth whitening composition is formed by casting.